

WATTLE

Acacias of Australia

Acacia loderi Maiden



Source: Australian Plant Image Index (dig.39728).

ANBG © M. Fagg, 2015



Source: Australian Plant Image Index (dig.39747).

ANBG © M. Fagg, 2015



Source: Australian Plant Image Index (dig.39729).

ANBG © M. Fagg, 2015



Source: Australian Plant Image Index (dig.39731).

ANBG © M. Fagg, 2015



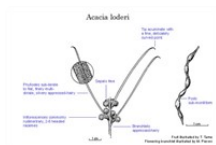
Source: Australian Plant Image Index (dig.39730).

ANBG © M. Fagg, 2015



Source: Australian Plant Image Index (dig.39732).

ANBG © M. Fagg, 2015



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
See illustration.



Source: WorldWideWattle ver. 2.
Published at: www.worldwidewattle.com
See illustration.



Acacia loderi occurrence map.
Occurrence map generated via Atlas of Living Australia (<https://www.ala.org.au>).

Common Name

Nealie, Nelia, Broken Hill Gidgee, Myall

Family

Fabaceae

Distribution

Occurs in western N.S.W. W of Hillston and N of White Cliffs, extending into S.A. to Oakbank Stn and Netley Gap; also in north-western Vic. near Merbein and Nathalia.

Description

Shrub or **tree** 3–7 m high with habit similar to that of *A. papyrocarpa*. **Branchlets** sometimes **pendulous**, **appressed-puberulous**, **glabrescent**. **Phyllodes** **linear**, subterete to flat, 5–11 cm long, 0.9–2 (–3) mm wide, **acuminate** with a fine delicately **curved innocuous** point, **±appressed-puberulous**, with numerous closely parallel indistinct nerves. **Inflorescences** 2–6-headed racemes or **simple** in **axillary** clusters; **raceme axes** minute, 0.1–2 mm long; **peduncles** 4–7 mm long, **appressed-puberulous**, sometimes with reddish resin-hairs intermixed; **heads** **globular**, 4–5 mm diam., 25–36 flowered, golden; **bracteoles** **spathulate**, not **ciliate**. **Flowers** 5-**merous**; **sepals** free; **petals** **glabrous**. **Pods** submoniliform, to 10 cm long, (2–) 3–5 mm wide, **chartaceous**, smooth, finely **appressed-puberulous** to **±glabrous**. **Seeds** **longitudinal**, **elliptic**, ±4.5 mm long, glossy, brown-black; **aril** small.

Habitat

Grows in solonised brown and red soils, in low woodland and tall shrubland, sometimes associated with chenopods, *Casuarina cristata* or members of the '*Acacia aneura* group'.

Specimens

S.A.: Danngali Conservation Park, Postmark, 2.5 km E of Outstation, 18 Sept. 1984, *S.Barker s.n.* (AD). N.S.W.: Fowlers Gap, N of Broken Hill, *S.Jacobs* 2305 (NSW, PERTH). Vic.: Cowra Stn, W of Merbein, *N.A.F.Gibb* 0820 (PERTH).

Notes

Closely related to *A. papyrocarpa* which, as presently interpreted, does not extend further E than the South Flinders Ra. in S.A.

A.B.Court, in J.H.Willis, *Handb. Pl. Victoria* 2: 237 (1973), refers to 'A. sp. aff. *A. sowdenii*' from north-western Vict.; further work is needed to confirm the status of these populations. Current indications are that most seem referable to *A. loderi*, but hybridity with *A. melvillei* (which was referred to by A.B.Court, in J.H.Willis, *Handb. Pl. Victoria* 2: 238 (1973), as *A. aff. pendula*) should not be discounted for at least some plants from this area.

FOA Reference

Data derived from *Flora of Australia* Volumes 11A (2001), 11B (2001) and 12 (1998), products of ABRS, ©Commonwealth of Australia

Author

R.S.Cowan, B.R.Maslin

Minor edits by B.R.Maslin

This identification key and fact sheets are available as a mobile application:



Australian Government
Department of the Environment and Energy



Department of
Biodiversity, Conservation
and Attractions
Western Australian Herbarium



Australian
Biological
Resources
Study



URL: <https://keys.lucidcentral.org/keys/v3/wattle>
Copyright 2018. All rights reserved.